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Jsh**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/903,059 Confirmation No.: 9375
First Named Inventor: Bulucea, Constantin Filing Date: 10 July 2001
Group Art Unit: 2814 Examiner: Farhani, D.
Atty. Docket No.: NS-4971 US
Title: Gate-Enhanced Junction Varactor
Assignee(s): National Semiconductor Corporation

Mountain View, California
9 August 2004

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(b)

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, each document listed on the accompanying substitute PTO Form 1449 is called to the attention of the Examiner for the above patent application. A copy of each listed document is enclosed.

Further enclosed is a copy of an English abstract of Japanese Patent Publication 4-199682.

Citation of each listed document shall not be construed as:

1. an admission that the document is necessarily prior art with respect to the instant invention;
2. a representation that a search has been made; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

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The preceding documents were cited during the prosecution of U.S. patent application 10/654,653 entitled "Gate-Enhanced Junction Varactor With Gradual Capacitance Variation".

This information disclosure statement is submitted under the provisions of 37 CFR 1.97(b).

EXPRESS MAIL LABEL NO.:

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Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Application No.
	NS-4971 US	09/903,059
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Substitute Form PTO 1449	Bulucea, Constantin	9375
	Filing Date	Group
	10 July 2001	2814

U.S. Patent Documents

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AA	4,003,009	01/1977	Watanabe	334	015	
AB	4,529,994	07/1985	Sakai	357	014	
AC	5,504,376	04/1996	Sugahara et al.	257	768	
AD	5,659,185	10/1997	Iwamuro	257	138	
AE	5,977,591	11/1999	Fratin et al.	257	344	
AF	6,165,902	12/2000	Praminick et al.	438	653	
AG	2002/0036311 A1	03/2002	Hattori	257	302	
AH	2003/0178689 A1	09/2003	Maszara et al.	257	407	
AI						
AJ						
AK						

Foreign Patent Documents

							Translation	
	Document	Date	Country	Class	Subclass		Yes	No
AL	04199682 A	09/1992	Japan	257	365			X
AM								
AN								
AO								
AP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
AR	
AS	

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.